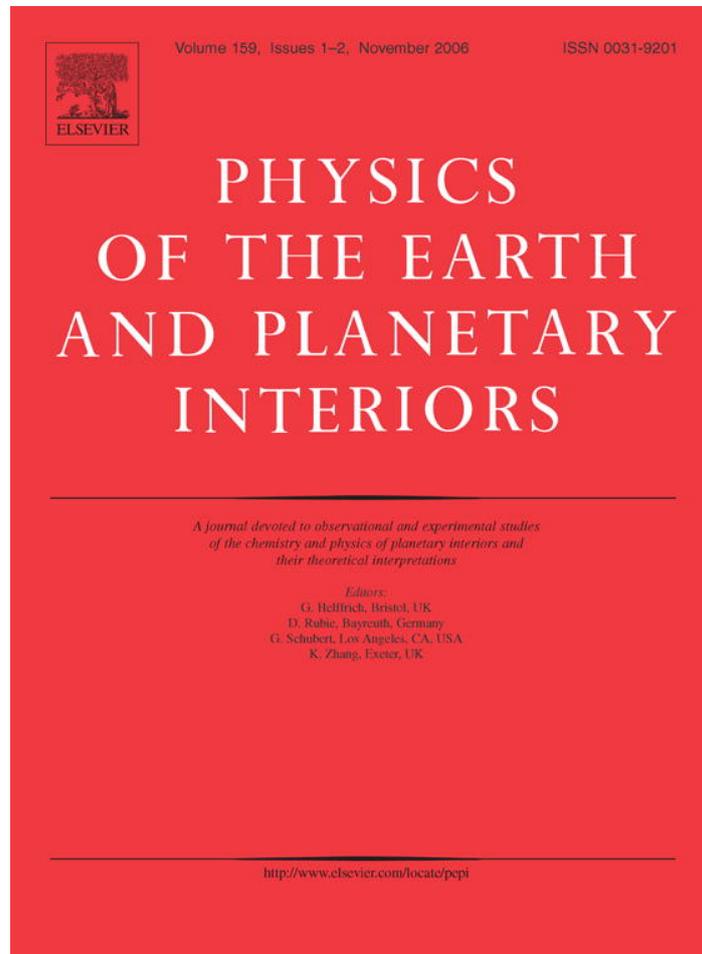


Provided for non-commercial research and educational use only.  
Not for reproduction or distribution or commercial use.



This article was originally published in a journal published by Elsevier, and the attached copy is provided by Elsevier for the author's benefit and for the benefit of the author's institution, for non-commercial research and educational use including without limitation use in instruction at your institution, sending it to specific colleagues that you know, and providing a copy to your institution's administrator.

All other uses, reproduction and distribution, including without limitation commercial reprints, selling or licensing copies or access, or posting on open internet sites, your personal or institution's website or repository, are prohibited. For exceptions, permission may be sought for such use through Elsevier's permissions site at:

<http://www.elsevier.com/locate/permissionusematerial>



ELSEVIER

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

 ScienceDirect

Physics of the Earth and Planetary Interiors 159 (2006) 127–128

PHYSICS  
OF THE EARTH  
AND PLANETARY  
INTERIORS

[www.elsevier.com/locate/pepi](http://www.elsevier.com/locate/pepi)

## Erratum

Erratum to “Reply to the comment on the paper ‘Grain size dependent potential for self generation of magnetic anomalies on Mars via thermoremanent magnetic acquisition and magnetic interaction of hematite and magnetite’ by Gunther Kletetschka, Norman F. Ness, J.E.P. Connerney, M.H. Acuna, and P.J. Wasilewski, *Phys. Earth Planet. Inter.* 148 (2005) 149–156, made by: Jafar Arkani-Hamed”  
[*Phys. Earth Planet. Inter.* 153 (4) (2005) 238–239]

Gunther Kletetschka<sup>a,b,c</sup>

<sup>a</sup> *Department of Physics, Catholic University of America, Washington, DC, USA*

<sup>b</sup> *Institute of Geology, Academy of Sciences, Prague, Czech Republic*

<sup>c</sup> *NASA Goddard Space Flight Center, Greenbelt, USA*

Received 8 June 2006; accepted 9 June 2006

I wish to correct our response (Kletetschka et al., 2005a) to comments about our paper (Kletetschka et al., 2005b) made by Arkani-Hamed (2005).

The point of the discussion is a correct description of the Arkani-Hamed’s model in his 2003 paper (Arkani-Hamed, 2003). In the paper that started this discussion (Kletetschka et al., 2005b) we stated that magnetization that appeared in (Arkani-Hamed, 2003) was only assumed. Arkani-Hamed (2005) objected to this statement. We replied (Kletetschka et al., 2005a), maintaining, that magnetization seemed to be listed only in Arkani-Hamed’s abstract (Arkani-Hamed, 2003), however, after careful analysis we agree that magnetization came out from Arkani-Hamed’s model in his Fig. 3 (Arkani-Hamed, 2003) as a result of calculation. Therefore, magnetization was not assumed but was an output of his modeling. Arkani-Hamed (2003) used output of his modeled data of his 2001 paper (Arkani-Hamed, 2001) and he did not use output of another model (Purucker et al., 2000) as stated in our reply (Kletetschka et al., 2005a). We apologize for this confusion.

## References

- Arkani-Hamed, J., 2001. A 50-degree spherical harmonic model of the magnetic field of Mars. *J. Geophys. Res. Planets* 106 (E10), 23197–23208.  
Arkani-Hamed, J., 2003. Thermoremanent magnetization of the Martian lithosphere. *J. Geophys. Res. Planets* 108 (E10).

DOI of the original article: [10.1016/j.pepi.2004.08.010](https://doi.org/10.1016/j.pepi.2004.08.010).

E-mail address: [gunther.kletetschka@gsfc.nasa.gov](mailto:gunther.kletetschka@gsfc.nasa.gov).

- Arkani-Hamed, J., 2005. Comments on the paper “Grain size dependent potential for self generation of magnetic anomalies on Mars via thermoremanent magnetic acquisition and magnetic interaction of hematite and magnetite” by Kletetschka et al. *Phys. Earth Planet. Inter.* 153 (4), 237.
- Kletetschka, G., Connerney, J.E.P., Acuna, M.H., Wasilewski, P.J., Ness, N.F., 2005a. Reply to the comment on the paper “Grain size dependent potential for self generation of magnetic anomalies on Mars via thermoremanent magnetic acquisition and magnetic interaction of hematite and magnetite” by Gunther Kletetschka, Norman F. Ness, J.E.P. Connerney, M.H. Acuna, P.J. Wasilewski, *Phys. Earth Planet. Inter.* 148 149–156, made by Jafar Arkani-Hamed. *Phys. Earth Planet. Inter.* 153 (4), 238–239.
- Kletetschka, G., Ness, N.F., Connerney, J.E.P., Acuna, M.H., Wasilewski, P.J., 2005b. Grain size dependent potential for self generation of magnetic anomalies on Mars via thermoremanent magnetic acquisition and magnetic interaction of hematite and magnetite. *Phys. Earth Planet. Inter.* 148 (2–4), 149–156.
- Purucker, M., et al., 2000. An altitude-normalized magnetic map of Mars and its interpretation. *Geophys. Res. Lett.* 27 (16), 2449–2452.

Author's personal copy